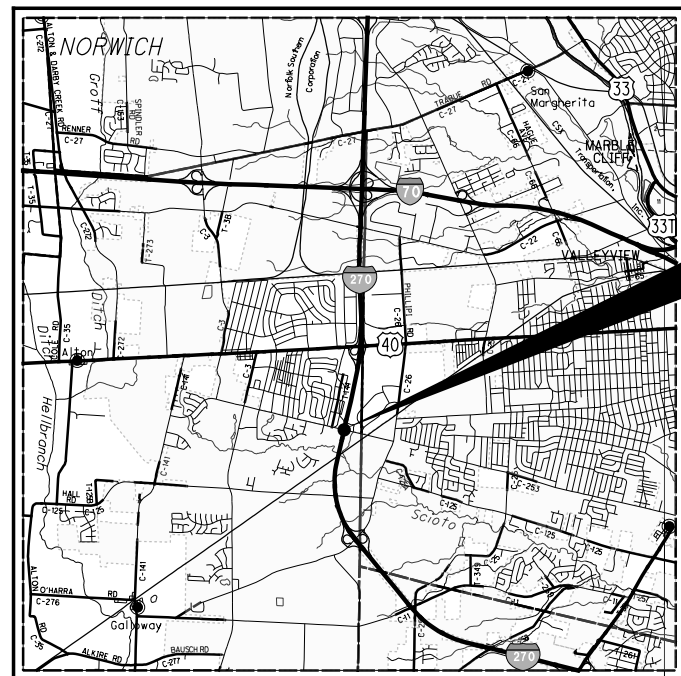


STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

# FRA-270-6.17

## CITY OF COLUMBUS PRAIRIE TOWNSHIP FRANKLIN COUNTY



LOCATION MAP

LATITUDE: 39°56'24" LONGITUDE: 83°7'20"



PORTION TO BE IMPROVED	●
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	-----

### DESIGN DESIGNATION

	SULLIVANT AVE
CURRENT ADT (2022)	12,280
DESIGN YEAR ADT (2044)	15,410
DESIGN HOURLY VOLUME (2044)	1,530
DIRECTIONAL DISTRIBUTION	53%
TRUCKS (24 HOUR B&C)	4%
DESIGN SPEED	35 MPH
LEGAL SPEED	35 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	URBAN LOCAL
NHS PROJECT	NO

### INDEX OF SHEETS:

TITLE	1
CITY OF COLUMBUS SIGNATURES	2
TYPICAL SECTIONS	3
TYPICAL DETAILS	4 - 5
GENERAL NOTES	6 - 8
MAINTENANCE OF TRAFFIC NOTES	9 - 12
DETOUR PLAN	13 - 15
GENERAL SUMMARY	16 - 17
PAVEMENT CALCULATIONS	18
PLAN SUBSUMMARY	19
ROADWAY PLAN AND PROFILES	20 - 21
PAVEMENT ELEVATION DETAILS	22 - 23
VEGETATION REMOVAL PLAN	24
STORM SEWER PROFILE	25
TRAFFIC CONTROL SUBSUMMARY	26
TRAFFIC CONTROL PLAN	27
STRUCTURE FRA-270-0617	28 - 46

### PROJECT DESCRIPTION

DECK REPLACEMENT OF THE SULLIVANT AVENUE BRIDGE OVER I-270 IN THE CITY OF COLUMBUS.

### EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.4 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.0 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: N/A (NOI NOT REQUIRED)

PORTIONS OF THIS PROJECT LIE WITHIN THE CORPORATION LIMITS OF THE CITY OF COLUMBUS AND THE CITY IS ABSOLVED IN THE FUTURE OF ANY RESPONSIBILITIES FOR THE SWPPP, POST CONSTRUCTION BMP MAINTENANCE, AND DOCUMENTATION TO THE OEPA.

### DESIGN EXCEPTIONS

NONE REQUIRED

### ADA DESIGN WAIVERS

NONE REQUIRED

### FLOODPLAIN NOTE

FIRM PANEL 303 OF 465, MAP NUMBER 39049C0303K, MAP REVISED 6/17/2008, ZONE X.

NO FILL WILL BE ADDED IN THE 100-YEAR FLOODPLAIN WITH THIS PROJECT.

### LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY, OR FREEWAY, BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

### 2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE ROADWAY AND THAT DE-TOURS WILL BE PROVIDED AS INDICATED ON SHEET 13.

NOTE:  
FOR CITY OF COLUMBUS SIGNATURES, SEE SHEET 2.

**UNDERGROUND UTILITIES**  
Contact Two Working Days  
Before You Dig

**OHIO811.org**  
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764  
(Non-members must be called directly)

PLAN PREPARED BY:



ENGINEERS SEAL:  
FOR ROADWAY:

SIGNED: *Kevin R. Fiant*  
DATE: 10/19/2021

ENGINEERS SEAL:  
FOR STRUCTURES:

SIGNED: *Jennifer G. Miller*  
DATE: 10/20/21

STANDARD CONSTRUCTION DRAWINGS										SUPPLEMENTAL SPECIFICATIONS	
AS-1-15	07/17/15	BP-3.1	01/18/19	TC-42.20	10/18/13	MT-95.30	07/19/19	800	10/15/21		
AS-2-15	01/18/19	BP-5.1	07/16/21	TC-52.10	10/18/13	MT-95.45	01/17/20	821	04/20/12		
BR-2-15	07/17/15			TC-52.20	01/15/21	MT-95.50	07/21/17	832	10/19/18		
SBR-1-20	07/17/20	MGS-1.1	07/16/21	TC-61.30	07/19/19	MT-98.10	01/17/20				
SICD-1-21	01/15/21	MGS-2.1	01/19/18	TC-65.10	01/17/14	MT-98.11	01/17/20				
SICD-2-14	01/15/21	MGS-3.1	01/19/18	TC-65.11	07/21/17	MT-98.30	07/16/21				
VPF-1-90	07/20/18	MGS-3.2	01/18/13	CB-3A	07/16/21	MT-99.20	04/19/19				
		MGS-4.2	07/19/13	I-3D	07/16/21	MT-101.60	01/17/20				
F-1.1	07/19/13	MGS-5.3	07/15/16	MH-3	07/16/21	MT-101.90	07/17/20				
				HW-2.1	07/20/18	MT-105.10	01/17/20				
		RM-4.5	07/21/17	HW-2.2	07/20/18	MT-110.10	07/09/13				

APPROVED: *[Signature]*

DATE: 10/25/2021 DISTRICT DEPUTY DIRECTOR

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

3781-E

FEDERAL PROJECT NO.	E191(302)
PID NO.	104977
CONSTRUCTION PROJECT NO.	-
RAILROAD INVOLVEMENT	NONE
FRA - 270 - 6.17	1/46

**CITY OF COLUMBUS APPROVALS**

CITY OF COLUMBUS SIGNATURES ON THIS PLAN SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.

**CITY OF COLUMBUS:**

APPROVED Steven Wasosky  
12/22/2021  
DATE \_\_\_\_\_ DESIGN SECTION ENGINEER, DIVISION OF DESIGN AND CONSTRUCTION

APPROVED Mary D. Wilfong  
1/11/2022  
DATE \_\_\_\_\_ ADMINISTRATOR, DIVISION OF POWER

APPROVED TEH [Signature]  
1/11/2022  
DATE \_\_\_\_\_ ADMINISTRATOR, DIVISION OF WATER

APPROVED DH [Signature] RMV [Signature] John Newsome  
1/12/2022  
DATE \_\_\_\_\_ ADMINISTRATOR, DIVISION OF SEWERAGE AND DRAINAGE

APPROVED Ann Aubry  
1/12/2022  
DATE \_\_\_\_\_ DIRECTOR, DEPARTMENT OF PUBLIC UTILITIES

APPROVED Michael Kentner  
1/14/2022  
DATE \_\_\_\_\_ FIRE PREVENTION BUREAU, DIVISION OF FIRE

APPROVED Don E. Evans for Bernita A. Reese  
1/12/2022  
DATE \_\_\_\_\_ DIRECTOR, DEPARTMENT OF RECREATION AND PARKS

APPROVED James Young  
1/14/2022  
DATE \_\_\_\_\_ CITY ENGINEER/ADMINISTRATOR, DIVISION OF DESIGN AND CONSTRUCTION

APPROVED Jennifer Gallagher  
1/14/2022  
DATE \_\_\_\_\_ DIRECTOR, DEPARTMENT OF PUBLIC SERVICE

APPROVED Darryl Joyce  
1/12/2022  
DATE \_\_\_\_\_ ENGINEERING SUPERVISOR, DEPARTMENT OF TECHNOLOGY

COLUMBUS SIGNATURES

FRA - 270 - 6.17

I:\Project+Data\04977\_FRA-270-0617\Design\Roadway\Sheets\04977\_GT001.dgn 10/19/2021 7:38:59 AM chollowi